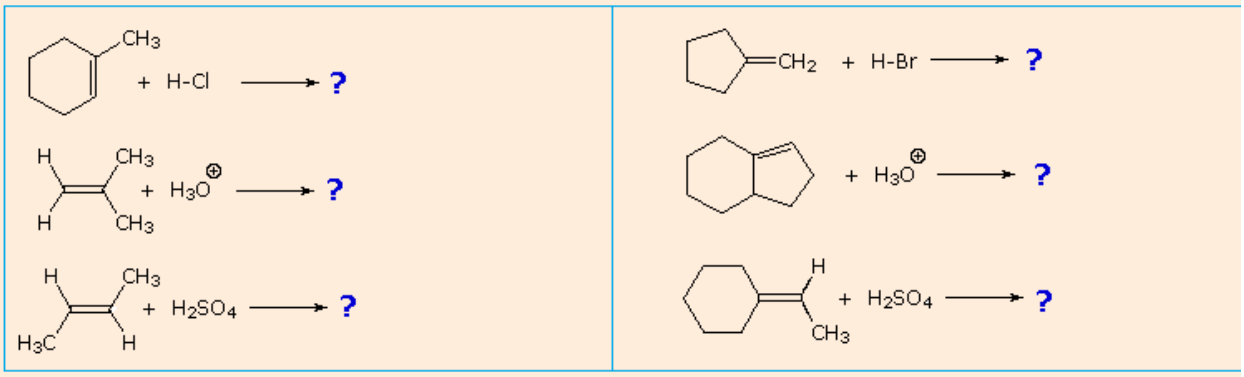
CHEM 51. ADDITION REACTIONS TO ALKENES WORKSHEET

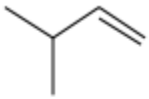
It is a helpful exercise to predict the favored product in examples such as those shown below:

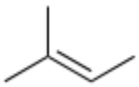


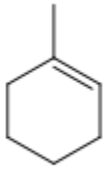
(a) + HI ⟶

(b) + H_2 ⟶ (catalytic Pd)

(c) + Br_2 ⟶

(a)  dilute H_2SO_4 ⟶

(b)  H–Br ⟶

 H—Br ⟶

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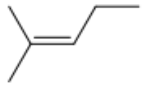
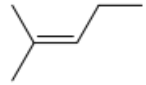


$\xrightarrow[CCl_4\ (solvent)]{Cl_2}$

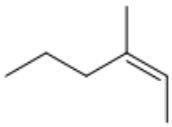
Name:



$\xrightarrow{\text{dilute } H_2SO_4}$

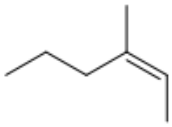
$\xrightarrow{\text{dilute } H_2SO_4}$

Name:

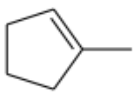


$\xrightarrow{Br_2}$

Name:

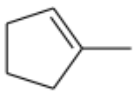


$\xrightarrow{\text{dilute } H_2SO_4}$



$\xrightarrow[CCl_4\ (solvent)]{Br_2}$

Name:



$\xrightarrow{\text{dilute } H_2SO_4}$